

产品名称: GALT Rabbit Monoclonal Antibody  
产品货号: AMRe03005



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | GALT Rabbit Monoclonal Antibody        |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IP                                  |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                        |

## 产品性能 (Performance)

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                         |
| 修饰 (Modification)   | Unmodified                                                                                           |
| 同种型 (Isotype)       | IgG                                                                                                  |
| 克隆 (Clonality)      | Monoclonal                                                                                           |
| 形式 (Form)           | Liquid                                                                                               |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| 储存溶液 (Buffer)       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| 纯化方式 (Purification) | Affinity Purification                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | GALT                                                                             |
| 别名 (Alternative Names) | Gal-1-P uridylyltransferase; UDP-glucose--hexose-1-phosphate uridylyltransferase |
| 基因 ID (Gene ID)        | 2592                                                                             |
| 蛋白 ID (SwissProt ID)   | P07902.                                                                          |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IP 1:20-1:50               |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 43 kDa; Observed MW: 43 kDa |

## 研究背景 (Background)

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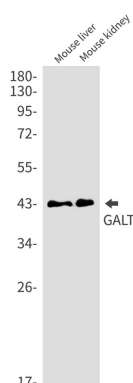


Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir pathway of galactose metabolism, namely the conversion of UDP-glucose + galactose-1-phosphate to glucose-1-phosphate + UDP-galactose. The absence of this enzyme results in classic galactosemia in humans and can be fatal in the newborn period if lactose is not removed from the diet. The pathophysiology of galactosemia has not been clearly defined. Two transcript variants encoding different isoforms have been found for this gene.

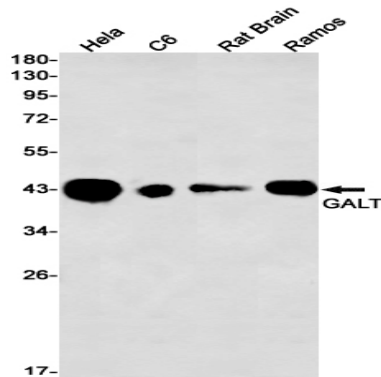
## 研究领域 (Research Area)

Signal Transduction

## 图片 (Image Data)



Western blot analysis of GALT in mouse liver, mouse kidney lysates using GALT antibody.



Western blot analysis of GALT in HeLa, C6, rat Brain, Ramos lysates using GALT antibody.

## 注意事项 (Note)

For research use only .